

August 21, 2006

INFORMATION DISCLOSURE  
STATEMENT  
Patent Application  
Docket No. SER-112

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yehoshua Aloni, Orit Aharonovitz, Thierry Ziegler  
Docket No. : SER-112  
For : Use of a Serum-Free Cell Culture Medium for the Production of IL-18BP in Mammalian Cells

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§1.97 AND 1.98

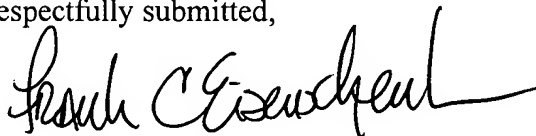
Sir:

In accordance with 37 CFR §1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. A copy of each cited reference is enclosed.

Japanese Patent No. 02 049579, cited as F7 on the attached PTO/SB/08B, is written in a foreign language. In accordance with MPEP §609A(3), Applicants are submitting herewith a copy of the International Search Report from International Application No. PCT/EP2005/050855 which was filed on February 28, 2005. The International Search Report categorizes the Japanese patent as an "A" document, *i.e.*, a document defining the general state of the art which is not considered to be of particular relevance. Applicants respectfully request that the reference be made of record and considered in the examination of the subject application.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



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FCE/sl

Attachment: Form PTO/SB/08; copies of cited references; copy of International Search Report

10/590212  
IAP9 Rec'd PCT/PTO 21 AUG 2006

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor	
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	SER-112

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	F1	WO 02/077202 A1	10-03-2002	INVITROGEN CORPORATION	All	
	F2	WO 98/15614 A1	04-16-1998	LIFE TECHNOLOGIES, INC.	All	
	F3	WO 01/018175 A1	03-15-2001	APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.	All	
	F4	WO 96/26266 A1	08-29-1996	QUEST INTERNATIONAL B.V.	All	
	F5	WO 01/23527 A1	04-05-2001	BAXTER AKTIENGESELL- SCHAFT	All	
	F6	WO 2004/005493 A1	01-15-2004	BAXTER INTERNATIONAL, INC.; BAXTER HEALTHCARE S.A.	All	
	F7	JP 02 049579	02-19-1990	KYOWA HAKKO KOGYO CO. LTD.	All	
	F8					

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				Group Art Unit	
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				Attorney Docket Number	
Sheet	2	of	3	SER-112	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	ALTSCHUL, S. F. <i>et al.</i> "Basic Local Alignment Search Tool", <i>J. Mol. Biol.</i> , 1990, pp. 403-410, Vol. 215.	
	R2	ALTSCHUL, S. F. <i>et al.</i> "Gapped BLAST AND PSI-BLAST: A New Generation of Protein Database Search Programs", <i>Nucleic Acids Research</i> , 1997, pp. 3389-3402, Vol. 25, No. 17.	
	R3	BOHAK, Z. <i>et al.</i> "Novel Anchorage Matrices for Suspension Culture of Mammalian Cells", <i>Biopolymers</i> , 1987, pp. S205-S213, Vol. 26.	
	R4	DEVEREUX, J. <i>et al.</i> "A Comprehensive Set of Sequence Analysis Programs for the VAX", <i>Nucleic Acids Research</i> , 1984, pp. 387-395, Vol. 12, No. 1.	
	R5	GRANTHAM, R. "Amino Acid Difference Formula to Help Explain Protein Evolution", <i>Science</i> , September 6, 1974, pp. 862-864, Vol. 185, No. 4154.	
	R6	KIM, S.-H. <i>et al.</i> "Structural Requirements of Six Naturally Occurring Isoforms of the IL-18 Binding Protein to Inhibit IL-18", <i>PNAS</i> , February 1, 2000, pp. 1190-1195, Vol. 97, No. 3.	
	R7	NOVICK, D. <i>et al.</i> "Interleukin-18 Binding Protein: A Novel Modulator of the Th1 Cytokine Response", <i>Immunity</i> , January 1999, pp. 127-136, Vol. 10.	
	R8	PEARSON, W. R. "Rapid and Sensitive Sequence Comparison with FASTP and FASTA", <i>Methods in Enzymology</i> , pp. 63-98, Vol. 183, No. 5.	
	R9	PETTI, S. A. <i>et al.</i> "Three-Dimensional Mammalian Cell Growth on Nonwoven Polyester Fabric Disks", <i>Biotechnol. Prog.</i> , 1994, pp. 548-550, Vol. 10, No. 5.	
	R10	PUCK, T. T. <i>et al.</i> "Genetics of Somatic Mammalian Cells. III. Long-Term Cultivation of Euploid Cells from Human and Animal Subjects", <i>The Journal of Experimental Medicine</i> , 1958, pp. 945-956 and plates 63 and 64, Vol. 108.	
	R11	"C5467 CHO Medium", Sigma Aldrich 2003 Catalog, 2003, pg. 423, XP002284128.	
	R12	Focus on Alternatives: "Serum-Free Media for Cell Culture", Focus on Alternatives, 'Online!', August 2003, pp. 1-30, XP002284129.	

Examiner Signature	Date Considered
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	3	of	3	Attorney Docket Number	SER-112

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	R13	WONG, T. "Customization of Cell Culture Media for Optimal CHO Applications", Invitrogen Internet Catalog, 'Online!', July 24, 2003, pp. 1-47, XP002284130.	
	R14	LIU, C.-H. <i>et al.</i> "Factorial Designs Combined with the Steepest Ascent Method to Optimize Serum-Free Media for CHO Cells", <i>Enzyme and Microbial Technology</i> , March 8, 2001, pp. 314-321, Vol. 28, No. 4-5, XP001181835.	
	R15		
	R16		
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	R22		
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	R24		

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